

I CLAIM:

1     1.    An apparatus comprising:  
2           a tank positioned on a foundation;  
3           a vaporizer in liquid communication with the tank,  
4    and further comprising a heat exchange medium inlet  
5    stream, and a heat exchange medium outlet stream;  
6           wherein, the heat exchange medium outlet stream is  
7    routed through the foundation.

1     2.    The apparatus of claim 1, wherein at least a  
2    portion but not all of the heat exchange medium inlet  
3    stream is routed through the foundation.

1     3.    The apparatus of claim 1 further comprising a  
2    containment wall surrounding the tank, with the vaporizer  
3    supported by the containment wall.

1     4.    The apparatus of claim 1 further comprising a  
2    containment wall surrounding the tank and defining a  
3    containment area between the tank and wall, with the  
4    vaporizer positioned within the containment area.

1     5.   The apparatus of claim 1, further comprising  
2     liquified natural gas contained within the tank.

1     6.   An apparatus comprising:  
2         a tank surrounded by a containment wall defining a  
3     containment area between the tank and wall;  
4         a vaporizer in liquid communication with the tank,  
5     and further comprising a heat exchange medium inlet  
6     stream, and a heat exchange medium outlet stream;  
7         wherein, the heat exchange outlet stream is routed  
8     to discharge into the containment area.

1     7.   The apparatus of claim 6, wherein the tank is  
2     positioned on a foundation, the apparatus further  
3     comprising a blower positioned to intake from the  
4     containment area and to discharge through the foundation.

1     8.   The apparatus of claim 6, wherein the vaporizer is  
2     supported by the containment wall.

1     9.    The apparatus of claim 6, wherein the vaporizer is  
2     positioned in the containment area.

1     10.   The apparatus of claim 6, further comprising  
2     liquified natural gas contained within the tank.

1     11.   An apparatus comprising:

2         a tank positioned on a foundation, and surrounded by  
3     a containment wall defining a containment area between  
4     the tank and wall;

5         a vaporizer in liquid communication with the tank,  
6     and further comprising a heat exchange medium inlet  
7     stream, and a heat exchange medium outlet stream;

8         wherein, a first portion of the heat exchange outlet  
9     stream is routed through the foundation, and a second  
10    portion of the heat exchange outlet stream is routed to  
11    discharge outside the containment area.

1     12.   The apparatus of claim 9, wherein the vaporizer is  
2     mounted on the containment wall.

1     13. The apparatus of claim 9, wherein the vaporizer is  
2     positioned in the containment area.

1     14. The apparatus of claim 9, wherein at least a  
2     portion but not all of the heat exchange medium inlet  
3     stream is routed through the foundation.

1     15. The apparatus of claim 9, further comprising  
2     liquified natural gas contained within the tank.

1     16. A method of vaporizing a cryogenic liquid contained  
2     within a tank positioned on a foundation, the method  
3     comprising;

4         passing the cryogenic liquid from the tank to a  
5     vaporizer;

6         introducing an inlet steam comprising heat exchange  
7     medium into the vaporizer to gasify the cryogenic liquid  
8     and cool the heat exchange medium; and,

9         passing the cooled heat exchange medium through the  
10     foundation.

1 17. The method of claim 16, further comprising passing  
2 at least a portion by not all of the inlet steam through  
3 the foundation.

1 18. The method of claim 16, wherein the cryogenic liquid  
2 is liquified natural gas.

1 19. A method of vaporizing a cryogenic liquid contained  
2 within a tank supported by a foundation and surrounded by  
3 a wall defining a containment area between the tank and  
4 the wall, the method comprising;  
5 passing the cryogenic liquid from the tank to a  
6 vaporizer;  
7 introducing an inlet steam comprising a heat  
8 exchange medium into the vaporizer to gasify the  
9 cryogenic liquid and cool the heat exchange medium; and,  
10 discharging the cooled heat exchange medium stream  
11 into the containment area.

1       20. The method of claim 19, further comprising passing  
2       at least a portion by not all of the inlet steam through  
3       the foundation.

1       21. The method of claim 19, further comprising blowing  
2       air from the containment area through the foundation.

1       22. The method of claim 19, wherein the cryogenic liquid  
2       is liquified natural gas.

1       23. A method of vaporizing a cryogenic liquid contained  
2       within a tank supported by a foundation, and surrounded  
3       by a wall defining a containment area between the tank  
4       and the wall, the method comprising;

5             passing the cryogenic liquid from the tank to a  
6       vaporizer;

7             introducing an inlet steam comprising a heat  
8       exchange medium into the vaporizer to gasify the  
9       cryogenic liquid and cool the heat exchange medium;

10            passing a first portion of the cooled heat exchange  
11       medium through the foundation; and,

12           discharging a second portion of cooled heat exchange  
13   medium stream outside of the containment area.